

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A dispenser comprising:
a casing having an interior portion formed by a casing wall;
and
a rotatable dispenser carousel disposed in the interior portion of the casing along a flow path between an inlet and an outlet of the dispenser and the dispenser carousel having a cone shaped portion and a flange ~~portion~~ extending about the cone shaped portion and the flange having an inlet side and an outlet side separating an inlet side and an outlet side of the dispenser carousel ~~including~~; and
_____ a blade on the inlet side of the dispenser carousel proximate to ~~and spaced from the inlet side of the flange portion and the dispenser carousel being~~ rotatable about a rotation axis to dispense material.
2. (Original) The dispenser of claim 1 wherein the casing is cylindrically shaped.
3. (Original) The dispenser of claim 1 wherein the cone shaped portion of the dispenser carousel includes a plurality of longitudinally extending ribs to promote material flow.
4. (Currently Amended) The dispenser of claim 1 wherein the dispenser includes a plurality of blades ~~proximate to and spaced from the flange portion~~ on the inlet side of the dispenser carousel to discharge material.

5. (Previously Presented) The dispenser of claim 4 wherein the plurality of blades includes a first blade and a second blade spaced 180° degrees from the first blade.

6. (Previously Presented) The dispenser of claim 4 wherein the plurality of blades are integrally formed on an inner surface of the casing.

7. (Cancelled)

8. (Previously Presented) The dispenser of claim 1 wherein the blade includes an angled surface relative to a rotation direction of the dispenser carousel.

9. (Currently Amended) A dispenser comprising:

a casing having an inlet and an outlet and including a flanged platform proximate to the inlet;

a rotatable dispenser carousel disposed in an interior cavity of the casing between the inlet and the outlet;

a material container supported able on the flanged platform and having a dispensing opening to supply material from the material container to the inlet; and

a closure slidably ~~disposed~~ disposed relative to the dispensing opening, wherein the closure is movable in a first direction to open and close the dispensing opening of the material container and movable in a second direction opposite the first direction to close the dispensing opening of the material container.

10. (Previously Presented) The dispenser of claim 9 wherein the container is removably supported on the flanged platform.

11. (Previously Presented) The dispenser of claim 10 wherein the container includes a first end having the dispensing opening and a second closed end spaced from the first end and the container tapers outwardly from the second closed end to the first end.

12. (Currently Amended) The dispenser of claim 42 wherein the dispenser carousel includes a hollow interior portion including a motor socket and a shaft of the motor assembly is insertable therein to rotate the dispenser carousel ~~about the rotation axis.~~ |

13. (Previously Presented) The dispenser of claim 42 wherein the casing is supported in a refrigerated cabinet and the dispenser carousel and the motor assembly are disposed therein.

14. (Original) The dispenser of claim 1 wherein the casing includes a flanged platform and the dispenser includes a cabinet and the flanged platform of the casing is slidably mounted on brackets in the cabinet.

15. (Previously Presented) The dispenser of claim 1 wherein the dispenser includes a tapered discharge cone.

16. (Original) A dispenser comprising:

- a casing having an interior portion formed by a casing wall;
- an inlet and an outlet;
- a dispenser carousel disposed in the interior portion

- of the casing and interposed in a flow path between the inlet and the outlet;
- a motor assembly operable to rotate the dispenser carousel in a clockwise and a counterclockwise direction; and
- a dispense controller programmed to operate the motor assembly in response to a dispense command and the controller is programmed to intermittently operate the motor assembly in the clockwise direction and the counterclockwise direction in response to sequential dispense commands.

17.(Original) The dispenser of claim 16 wherein the dispense controller operates the motor assembly to dispense a metered quantity of material.

18.(Cancelled)

19.(Original) The dispenser of claim 17 and further comprising a user interface having a plurality of control inputs corresponding to a plurality of metered dispense quantities.

20.(Original) The dispenser of claim 17 including user programmable dispense parameters.

21.(Original) The dispenser of claim 16 wherein the dispenser carousel includes a plurality of spaced ribs to promote material flow.

22. (Cancelled)

23. (Previously Presented) The method of claim 24 comprising the steps of:

rotating the dispenser carousel in a first direction for a first period in response to a first dispensing command to dispense material during a first dispense cycle; and rotating the dispenser carousel in a second direction for a second period in response to a second dispensing command to dispense material during a second dispense cycle.

24. (Currently Amended) A method for dispensing material comprising steps of:

loading a material container on a platform having a cover separating a content of the container from an inlet to a dispenser carousel; and removing the cover of the container so that the content of the container is opened to the inlet to the dispenser carousel;~~and~~
rotating the dispenser carousel to dispense material from the container~~;~~; and
replacing the cover of the container so that the content of the container is closed to the inlet to the dispenser carousel.

25. (Currently amended) The method of claim 24 wherein the step of loading the container comprises:

sliding a flanged end of the container through a slot on the platform of a casing of a dispenser having the dispensing carousel rotatable therein and aligning ~~raised edges of~~ the flanged end of the container to abut raised edge portions of the

platform of the dispenser.

26. (Currently Amended) A method for dispensing material comprising steps of:

slidably loading a container on a platform of a dispenser apparatus so that a covered opening of the container is proximate to an inlet to a dispenser carousel;

slidably removing a cover of the container so that a content of the container is opened to the inlet to the dispenser carousel of the dispenser apparatus; and

rotating the dispenser carousel of the dispenser apparatus to dispense material-; and

closing the container and unloading the container from the platform.

27-33 (Cancelled)

34. (Previously Presented) The dispenser of claim 1 wherein the casing includes a body portion and an enlarged collar portion having a transversely extending portion and the dispenser carousel is disposed in the body portion of the casing and the flange ~~portion~~ is positioned proximate to the enlarged collar portion to form a passage between a transversely extending flange surface and the enlarged collar portion of the casing to dispense material.

35. (Currently Amended) The dispenser of claim 1 wherein the flange ~~portion~~ and the blade form ~~opposed laterally disposed~~ abutting surfaces for dispensing material.

36. (Currently Amended) A dispenser comprising:

a rotatable dispenser carousel disposed in an interior cavity of a casing and the dispenser carousel including a cone shaped portion and a flange ~~portion~~ extending outwardly from the cone shaped portion; and

a plurality of blades supported to interface with ~~proximate to and spaced from the flange portion~~ to dispense material.

37. (Previously Presented) The dispenser of claim 36 wherein the plurality of blades includes a first blade and a second blade spaced 180° degrees from the first blade.

38. (Currently Amended) The dispenser of claim 36 wherein the plurality of blades include a transverse surface ~~spaced from~~ abutting a transverse surface of the flange ~~portion~~.

39. (Previously Presented) The dispenser of claim 36 wherein the plurality of blades are coupled to and extend from the casing.

40. (Currently Amended) A dispenser comprising:

a rotatable dispenser carousel including a cone shaped portion including at least one elongate rib; and

a casing having an interior cavity having the dispenser carousel rotatable ~~therein~~ in the interior cavity of the casing to provide a flow path between the rotatable dispenser carousel and the casing extending from an inlet towards an

outlet spaced below the inlet and the casing including at least one elongate rib formed on an inner wall of the casing and having a length extending along a length of the flow path above the outlet.

41. (Currently Amended) The dispenser of claim 1 wherein the dispenser carousel includes multiple rotation directions and the blade includes opposed angled surfaces relative to the multiple rotation directions.

42. (currently amended) The dispenser of claim 1 and further comprising a motor assembly coupled to the dispenser carousel and operable to rotate the dispenser carousel ~~about the rotation axis~~.